

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented): A mobile telephone device, comprising:

an integrated circuit card with a subscriber identity module or a universal subscriber identity module, said card comprising a storage operable for storing at least one application; a device operable for remote access management of the card based on remote access message reception by mobile telephony;

at least one data array manager module for managing data arrays of at least one application stored in the card, said at least one data array manager module comprising:

a receiver operable to receive, by means of a remote access message received by mobile telephony, at least one instruction for operating on at least one piece of data contained in an array of a specified application;

an analyzer operable for analyzing said at least one instruction;

an accessing device operable for accessing said array according to said at least one instruction, said accessing device further comprising

a receiver operable for receiving from the specified application a requested reference for said array;

the accessing device being operable for accessing said array based on said reference; and,

apparatus operable for performing at least one operation on said at least one piece of data in said array, according to said at least one instruction, without the necessity of deleting and rewriting the entire specified application stored in the card.

2. (Currently Amended): [[A]] The device according to claim 1, characterized in that said accessing device further comprises:

a device operable for asking the specified application for said reference of said array.

3. (Currently Amended): [[A]] The device according to claim 1, wherein said specified application is a SIM Application Toolkit or a Universal SIM Application Toolkit application.

4. (Currently Amended): [[A]] The device according to claim 1, wherein said data array manager module is configured to be able to access arrays of a plurality of said applications.

5. (Currently Amended): [[A]] The device according to claim 1, wherein said data array manager module is part of said specific application having said data array to be accessed by said data array manager module.

6. (Currently Amended): [[A]] The device according to claim 5, wherein said data array manager module is an Application Programming Interface.

7. (Currently Amended): [[A]] The device according to claim 1, wherein said device operable for remote access management is based on a GSM 03.48 standard or on a 3GPP 23.048 standard.

8. (Currently Amended): [[A]] The device according to claim 3, further comprising a terminal supporting said Subscriber Identity Module (SIM) Application Toolkit or said Universal SIM Application Toolkit and also at least one of a supporting Data Download, and a class "e" terminal supporting the SIM Toolkit commands for channel management.

9. (Previously Presented): A method for managing data in arrays of applications stored in an integrated circuit card of a mobile telephony subscriber equipment, said card storing a subscriber identity module or a universal subscriber identity module, the method comprising the steps of:

receiving a message from a remote access server by mobile telephony, the message including at least one instruction regarding at least one piece of data in one array of one application stored in the card;

analyzing the at least one instruction;

accessing the array, which further comprises the steps of:

receiving from the application a requested reference for said array; and

accessing the array based on said reference;
operating on said at least one piece of data in said array based on the at least one instruction, without the necessity of deleting and rewriting the entire application stored in the card.

10. (Currently Amended): [[A]] The method according to claim 9, wherein said step of analyzing the at least one instruction is followed by the step of:
asking the application for a reference of the array.

11. (Currently Amended): [[A]] The method according to claim 9, further comprising receiving said message in a terminal of subscriber equipment;
sending said message from said terminal to the card;
forwarding the at least one instruction via a remote access manager module in the card to a data array manager module identified in the message.

12. (Currently Amended): [[A]] The method according to claim 11, wherein the message is of the Data Download type.

13. (Currently Amended): [[A]] The method according to claim 12, further comprising sending said message to the card by an ENVELOPE command.

14. (Currently Amended): [[A]] The method according to claim 11, wherein the message is sent to the card through a Bearer Independent Protocol-based channel.

15. (Currently Amended): [[A]] The method according to claim 13, wherein the at least one instruction is forwarded to a data array manager module identified by a Toolkit Application Reference field of the message.